

## 2<sup>nd</sup> QUARTER COE TTHP ALL-TEAM MEETING AGENDA

### **Day 1: Wednesday, November 30<sup>th</sup>**

7:30 – 8:30: Networking Breakfast **\*\* Meet with FAA project sponsors and tech monitors**

8:30 – 8:45: Welcome and OU Host Remarks, Dr. James Pappas

8:45 – 9:00: Karen Callihan, Abby Smith and/or Jon Gray FAA Opening Remarks

9:00 – 9:15: OU Team High Level Overview, Dr. James Pappas

9:15 – 9:30: ERAU Team High Level Overview, Dr. Mark Friend

9:30 – 11:45: Overview of Center team member capabilities

- OU team (9:30-10:30) –
  - University of Oklahoma – Dr. James Pappas
  - Auburn University – James Birdsong
  - Inter American University – Caroline Ocasio
  - Oklahoma State University – Dr. Steve Marks
  - Tennessee State University – Dr. Keith Hargrove
  - Tulsa Community College – Gary Wescott
  - University of Akron – Dr. Chen Ling
  - University of Nebraska-Omaha- Dr. Scott Tarry
  - Wichita State University – Dr. Jibo He
- 15 min break (10:30-10:45)
- ERAU team (10:45 – 11:45) –
  - Embry-Riddle Aeronautical University – Dr. Mark Friend
  - Drexel University – Dr. Kurtulus Izzetoglu
  - Ohio State University – Dr. Seth Young
  - Purdue University – Dr. Brian Dillman
  - University of North Dakota – Ms. Terra Jorgenson
  - University of Wisconsin-Madison – Dr. Doug Wiegmann
  - Western Michigan University – Ms. Kim Squiers

11:45 – 1:00: Networking Lunch **\*\* Meet with FAA project sponsors and tech monitors**

1:00 – 2:30: FAA Focus Area Briefings

- Curriculum Architecture - Greta Ballentine
- Content Management and Delivery -Gregory Sanders
- Simulation and Part Task Training - Mark Folsom
- Human Factors - Jason Demagalski
- Analytics - Frank Toner
- Safety - Bob Whitworth and/or Andy Nahle

2:30 – 2:45: Networking Break

2:45 – 4:45: OMIS reporting overview and training demo – John Tomblin, Caleb Loss, Fred Bowen, and Carol Gregorek

4:45: Closing Comments / Adjourn – Karen Callihan

5:30 – 7:00: Networking Reception – OU, Fred Jones Jr. Museum of Art

## 2<sup>nd</sup> QUARTER COE TTHP ALL-TEAM MEETING AGENDA

### **Day 2: Thursday, December 1<sup>st</sup>**

7:30 – 8:30: Networking Breakfast **\*\* Meet with FAA project sponsors and tech monitors**

8:30 – 8:40: Welcome/Introductions – Dr. Mark Friend

8:40 – 10:10: Research Task Briefings (10-15 min each)

- Field Training Standardization (Dr. Robert Dionne, OU)
- Standardization of Training for Training Administrators (Dr. John Griffin, ERAU)
- Curriculum Architecture Gap Analysis (Dr. Forrest Sheng Bao)
- Enhanced AT-CPC Training (Martin Lauth, ERAU)
- Modular Curriculum Design (Dr. Mark Friend and Stephanie Fussell, ERAU)
- International Harmonization and Integration (Dr. David Delaine, OSU)

10:10 – 10:20: Networking Break

10:20 – 11:45: Research Task Briefings, cont. (10-15 min each)

- Applied Game Theory to Enhance ATC Training (Dr. Kash Barker, OU and Dr. Jibo He, WSU)
- Optimize Simulation (Dr. Shafagh Jafer, ERAU)
- Virtual Training Delivery (Dr. Lulu Sun, ERAU)
- Course Development (Dr. Todd Hubbard, OU)
- Development of Learning Taxonomy (Dr. Kadie Mullins, ERAU; Dr. Rachel Kajfez, OSU; and Dr. Krista Kecskemety, OSU)
- Research Alternative ISD Model (Dr. Mark Friend and Stephanie Fussell, ERAU)

11:45 – 12:30: Networking Lunch **\*\* Meet with FAA project sponsors and tech monitors**

12:30 – 2:00: Research Task Briefings, cont. (10-15 min each)

- Create COE Strategic Framework (Dr. James Pappas, OU and Dr. Mark Friend, ERAU)
- Explore Use of Gamification for Training (Dr. JoEllen Sefton, Auburn)
- Analysis of a Technical Training Course for Specific Part-Task Training Implementation and Enhancement Based on the Addition of New Tech Enhancement Based on the Addition of New Tech (Dr. Todd Hubbard)
- Universal Design for Learning and Multi-Modal Training (Dr. Ziho Kang, OU)
- Joint Weather Project: HF and Scenario Based Training w/Advanced Weather & Training of Pilots and Air Traffic Controllers in Weather-related Decision Making Using Probabilistic Hazard Information Displays (Dr. Mike Wiggins, ERAU; Dr. Chen Ling, UAkron; Dr. Doug Weigmann, UW-M)
- Characterization and Application of Air Traffic Controllers Visual Search Patterns and Control Strategies for Efficient and Effective Training (Dr. Ziho Kang, OU)

2:00 – 2:15: Networking Break

2:15 – 3:15: Research Task Briefings, cont. (10-15 min each)

- Learner Data Management (Dr. Christan Grant and Dr. Dean Hougen, OU)
- Analysis of Technical Operations Job Tasks (Dr. Kurtulus Izzetoglu, Drexel and Stephanie Fussell, ERAU)
- AJI-2 Customer Satisfaction Process (Dr. Shengyong Wang, Akron)
- Technical Training Knowledge Architecture (Dr. Forrest Sheng Bao, Akron)

3:15 – 4:00: Announcements, Q/As, and Closing Comments, OU, ERAU, and FAA

4:00 – 5:30: Hold for any final COE research project teams and FAA project sponsors/tech monitors planning meetings (e.g. COE Strategic Framework planning meeting OU, UNO, ERAU)